

# East Retford Urban District Council.

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## ANNUAL REPORT

FOR

1915.

BY

HANWAY R. BEALE, M.D. LOND.,

D.P.H. SHEF.; M.R.C.S., L.R.C.P.,


MEDICAL OFFICER OF HEALTH.

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Retford :

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**To the**  
**Mayor, Aldermen, & Council**  
**of the Borough of East Retford.**

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Gentlemen,

I have the honour to present my first annual report as Medical Officer of Health.

**Population.** In place of the usual estimate made by your Medical Officer, the Registrar General has furnished a figure which has been calculated to be the estimated population of the Borough to the middle of the year, allowing for the number of men who have enlisted in His Majesty's Forces. The figure thus supplied is 12,545, and shows a deduction of 1,171 from the estimated population for last year. In my opinion this deduction is too great, and I base this upon my local knowledge that not so many men have joined, and that there has been quite an influx of civilians to the Borough consisting of the wives and families of soldiers, and also because there is a sudden increase in both the birth and death rates.

**Births.** There were 279 births, being 66 less than last year, giving a rate of 22·24 per thousand. Of this total 12 were illegitimate. The distribution of the births in the various districts of the town can be seen on Table A, as follows :—

TABLE A.

Sub-districts.	Legitimate Births.		Illegitimate Births.		Totals.	
	Males.	Females.	Males.	Females.	Males.	Females.
East Retford	40	31	1	1	41	32
West „	9	6	1	—	10	6
Ordsall	77	56	4	2	81	58
North „	24	23	1	3	25	26
Totals...	150	116	7	6	157	122
Add Births outside but belonging to district.	—	1	—	1	—	2
Deduct Non-Resident Births.	—	—	—	2	—	2
Totals ..	150	117	7	5	157	122

**Deaths.** The total number of deaths registered in the district was 208, of which 19 were of persons resident outside and have been deducted ; in addition, there were 8 residents of the Borough who died away from home and have been added, making a nett number of 197 and giving a death rate of 16 per thousand. This is a considerable increase on last year, but I have indicated a possible reason above.

The deaths of children under one year of age number 11 less than last year, being 21 in all, and giving an infantile death rate of 75·7 per thousand births, that is, 17 per thousand less than last year : when we remember



that the total number of births was 66 less, this rate is very creditable. It is, as it stands, the lowest for five years. In this matter, it is notable that there has been very much less infantile diarrhoea during the year than usual, and it is possible that a considerable factor in this is that there has been a distinct increase in the number of babies fed from the breast.

**Infant Welfare.** The Ladies' Health Association continues its good work in the town. This organisation is run on a voluntary basis by a committee of ladies who employ a Health Visitor who is fully trained and gives her whole time to the work. A grant is made towards the expenses by the Board of Education. A school for mothers is held bi-weekly to which the mothers bring their children. Instruction in the care and management of children is given, and the children are weighed and records kept. Medical practitioners in the town hold clinics in rotation and give advice, etc. The committee works in close co-operation with the Health Authority, and the Health Visitor obtains twice weekly from me a list of all infants born in the town and visits them all, unless specially desired not to do so by the practitioner in attendance. She advises generally and leaves a card of instructions. She endeavours to get the mothers to attend the clinics. During the year 242 cases were visited, of whom 50 attended the clinic. The number of babies fed naturally from the breast is increasing, and this may account for the diminution in enteritis that is noticed. The Health Visitor supplies me with the following figures of cases visited between November, 1914, and October, 1915 :—

Entirely breast fed	...	...	155
Bottle fed	...	...	46
Breast supplemented...	...	...	18

There is now a proposal to supervise the health of the children up to school age, and active steps have been taken to that end by the engagement of a part time visitor. It will take the form of an extension of the School for Mothers.

**The Population of the Town** consists of the usual business section with shopkeepers, etc. There are factory hands employed at iron works and a rubber factory, paper mill, and laundry. In addition, there are a large number of persons engaged in agriculture, especially women. During the past year there have been a considerable number of women engaged in munition work. So far as I have been able to get any information, their health is good. No trade or occupation diseases have been reported.

Until June troops were billeted about in houses in the town, but after then a brigade was quartered in Babworth Camp, just outside. During the autumn and winter, troops were billeted in the large halls and schools of the town, and many houses were taken over by the military for billeting and various other purposes.

Whilst in camp at Babworth they were supplied with the town water, which was specially laid on for them.

**Drainage.** The large increase in the numbers made by the soldiers during the winter has put a strain upon the resources of the sewage works, but the work has been done satisfactorily.

The sanitary work in connection with the soldiers gave rise to some trouble at first. The Military Authorities proposed to supply pail closets for their use in the middle of the town. I made a strong protest against this, and finally the Sanitary Committee were able to make arrangements to install trough closets in two situations



where there were the greatest number of soldiers quartered. In the protest I made I had the advantage of the advice of Dr. Newsholme, of the Local Government Board upon whom I called upon an occasion when I was in London, and who very kindly saw me without my having made an appointment.

Several houses in the town are still unconnected with the deep drainage system. The Committee have given instructions that steps should be taken to bring all these into line and abolish the old system. During the war, the need for economy has rather delayed matters in this respect, and only the very urgent and worst cases are being dealt with.

During the year the Sewage Works were visited by the Association of Sewage Engineers of Yorkshire, who were conducted over the whole plant and expressed great satisfaction with the general arrangements and scheme.

**River Pollution.** An action was brought against the Borough Authority for polluting the River Idle and causing the death of fish in the river, by the Trent Fisheries Board. The Magistrates found against the town and inflicted a fine of five pounds.

**Housing.** The housing accommodation is sufficient for the needs of the town. Lately there has been some difficulty in getting houses, but this is purely temporary and due to the fact that many houses have been taken by the military authority.

The town is inspected by the Inspector of Nuisances and myself, both separately and together. Work under the Housing and Town Planning Act has been done, but here it is necessary to overlook many desirable, but not absolutely necessary improvements, owing to the need

for economy. One house, which was quite unfit for habitation, has been closed by order under the Act, and the question of demolition is due for consideration shortly. There are three other houses under consideration for repairs and alteration. Full details will be found on page 16.

**Committees.** During the year I have attended all the meetings of the Sanitary Committee and also the meetings of the Isolation Hospital Sub-Committee, and in the latter was included a visit to the Lodgemoor Hospital at Sheffield, when the Sub-Committee were very kindly entertained by the Sheffield City Hospitals Sub-Committee, and shewn over the Hospital by Dr. Williams, the Superintendent of the City Fever Hospitals. He gave some very valuable advice as to the building and arrangement of Isolation Hospitals.

I also attended a meeting of the Bye-Laws Sub-Committee as to nuisances.

The Schools have been fully reported on in my report as School Medical Officer. Here I may say that several of them have been taken by the military authority, and the children have been accommodated in other rooms or sent to other schools, and a system of half time adopted. I can only say that this is bad in all respects. Rooms that are not really suitable must be used, although it is but fair to say that improvements, where possible, have been effected; and when the children have been sent to other schools on the half time system, there has been a tendency for the young children to be employed as errand boys and so fatigued. In some cases the children have been kept back from school for the purpose of such employment. It is to be hoped that the schools will be surrendered at the earliest possible opportunity, and if it be necessary to billet soldiers next autumn that huts be built for them.



## INFECTIOUS DISEASES.

The final plans for the new Isolation Hospital have been passed by the Local Government Board, but the building has been delayed until a more favourable time for borrowing money.

The hospital in Grove Lane was used on one occasion for enteric fever and one occasion for diphtheria. Four soldiers were admitted with scarlet fever, two for diphtheria, and four for enteric fever. In addition to these, three cases of scarlet fever and one of enteric, were accommodated from the Rural District. Other details will be found in Table II on page 12.

### NOTIFIABLE INFECTIOUS DISEASES FOR THE YEAR 1915.

Month.	Diphtheria	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Fever	Cerebro- spinal Meningitis	Total
January ...	...	2	2		...	...	4
February...	...	...	1		1	...	2
March ...	1	1	...		...	...	2
April ...	...	2	...		...	1	3
May ...	...	...	...		...	...	...
June ...	2	1	...		...	...	3
July ...	1	2	2		...	...	5
August ...	...	...	1		...	...	1
September	...	...	...		...	...	...
October ...	1	2	14		...	...	17
November	1	...	4		...	...	5
December	...	5	8		...	...	13
Totals...	6	15	32		1	1	55

Of the non-notifiable infectious diseases, measles was very prevalent during the last two months of the year, but there were no fatal cases.

In the early part of the year there was a small outbreak of influenza, two fatal cases were reported.

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### FACTORY AND WORKSHOP ACT.

There are 86 workshops and factories on the register. They are inspected and are found to be well kept and clean.

The outworkers are inspected, and their conditions are found to be satisfactory. No infectious diseases have occurred amongst them.

There have been no legal proceedings during the year.

I am, Gentlemen,

Your obedient servant,

HANWAY R. BEALE.

Retford,

March, 1916.

TABLE I. VITAL STATISTICS OF WHOLE DISTRICT DURING 1915 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.†		Nett Deaths belonging to the District.		
		Uncorrected Number.	Nett.		Number.*	Rate.	of Non-residents register'd in the District. †	of Residents not register'd in the District. †	Under 1 Yr of Age		Rate per 1,000 Nett Births.
			Number.	Rate.					Number.	Number*	
1	2	3	4	5	6	7	8	9	10	12	13
1910..	13865	335		24.4	176	12.6	14	6	30	168	12.1
1911..	13386	360	356	26.6	222	16.6	17	8	58	213	15.9
1912..	13439	312		23.2	182	13.5	11	10	28	181	13.4
1913..	13521	296	294	21.7	176	13.0	12	7	23	171	12.6
1914..	13716	343	345	25.13	188	13.7	17	7	32	178	12.9
1915..	12545	279	279	22.24	208	16.6	19	8	21	197	16

NOTES.—This Table is arranged to show the gross births and deaths in the district during the calendar year, and the births and deaths properly belonging to it with the corresponding rates. The rates should be calculated per 1000 of the estimated gross population as stated in Column 2.

\* In Column 6 are to be included the whole of the deaths registered during the calendar year as having actually occurred within the district, but excluding the deaths of Soldiers and Sailors that have occurred in hospitals and institutions in the district.

† “Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided.

Area of District in acres (land and inland water) 4498. Total population at all ages, 13386. Total families or separate occupiers, 3140. At Census, 1911.



Cases of Infectious Disease notified during the year 1915.

Notifiable Disease.	Cases notified in whole district.						Total Cases notified in each Locality.				No. of Cases removed to Hospital
	At all Ages.	At Ages—Years.					1 East Retford.	2 West Retford.	3 North Retford.	4 Ordsall.	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45					
Small-pox ..	..	..	..	..	..	..	..	..	..	..	1
Cholera, Plague ..	..	..	..	..	..	..	..	..	..	..	
Diphtheria ..	..	..	..	..	..	..	..	..	..	..	
INCLUDING Membranous Group ...	6	..	4	2	..	..	..	..	..	3	20
Erysipelas ..	15	..	..	1	4	8	2	2	2	9	
Scarlet Fever	32	..	6	17	5	4	..	3	3	24	
Typhus fever..	..	..	..	..	..	..	..	..	..	..	1
Enteric fever..	..	..	..	..	..	..	..	..	..	..	
Relapsing fever	..	..	..	..	..	..	..	..	..	..	
Continued fever	..	..	..	..	..	..	..	..	..	..	1
Puerperal fever	1	..	..	1	..	..	..	..	..	1	
Cerebro-spinal Meningitis	1	..	..	1	..	..	..	..	1	..	
Poliomyelitis..	..	..	..	..	..	..	..	..	..	..	10
Pulmonary Tuberculosis	22	..	..	9	11	2	..	1	7	10	
Other forms of Tuberculosis	4	..	..	3	1	..	..	..	2	2	
Totals ..	81	..	6	24	19	20	10	2	17	49	21

The Isolation Hospital is "Arlington House," New Street, East Retford. Total available beds, 12. Number of Diseases that can be concurrently treated, Scarlet Fever alone.

The Small Pox Isolation Hospital, in Grove Lane, has also been used for the reception of Diphtheria cases.

This Hospital is situate on the outskirts of the Town, in the Parish of North Retford.

VITAL STATISTICS—*continued.* TABLE III.

Causes of, and Ages at Death during Year 1915.

*East Retford Urban District.*

Causes of Death.	Deaths at the subjoined ages of "Residents," whether occurring in or beyond the district.										Total deaths whether of Residents or non Resid- ents in Public Institu- tions in the District.
	All Ages. 2	Under 1. 3	1 and under 2. 4	2 and under 5 5	5 and under 15 6	15 and under 25. 7	25 and under 45 8	45 and under 65 9	65 and upwards 10		
1	2	3	4	5	6	7	8	9	10	11	
All causes { Certified Uncertified	191 6	21 ...	11 ...	7 2	6 ...	6 ...	16 ...	49 2	75 2	39 1	
Enteric Fever -	...	...	...	...	...	...	...	...	...	...	
Small Pox -	...	...	...	...	...	...	...	...	...	...	
Measles -	...	...	...	...	...	...	...	...	...	...	
Scarlet Fever -	1	...	...	1	...	...	...	...	...	1	
Whooping Cough -	...	...	...	...	...	...	...	...	...	...	
Diphtheria and Membranous Croup -	...	...	...	...	...	...	...	...	...	...	
Influenza -	2	...	...	...	...	...	...	...	2	...	
Erysipelas -	...	...	...	...	...	...	...	...	...	...	
Phthisis (Pulmonary Tuberculosis)	8	...	...	1	...	2	2	3	...	1	
Tuberculous Meningitis -	1	...	...	...	1	...	...	...	...	...	
Other Tubercular Diseases -	...	...	...	...	...	...	...	...	...	...	
Cancer, Malignant Disease -	14	...	...	...	...	...	1	11	2	2	
Rheumatic Fever -	1	...	...	...	...	...	1	...	...	...	
Meningitis -	1	...	...	...	1	...	...	...	...	...	
Organic Heart Disease -	19	...	...	...	...	...	4	7	8	3	
Bronchitis -	21	1	3	1	...	1	...	5	10	2	
Pneumonia (all forms) -	24	4	4	4	1	1	2	5	3	3	
Other Diseases of Respiratory Organs -	3	...	...	...	...	...	...	1	2	2	
Diarrhoea and Enteritis -	3	3	...	...	...	...	...	...	...	...	
Appendicitis and Typhlitis -	2	...	...	...	1	...	...	1	...	1	
Cirrhosis of Liver -	4	...	...	...	...	...	...	4	...	1	
Alcoholism -	...	...	...	...	...	...	...	...	...	...	
Nephritis and Bright's Dis- ease -	8	...	...	...	1	...	...	2	5	1	
Puerperal Fever -	...	...	...	...	...	...	...	...	...	...	
Other accidents & diseases of Pregnancy & Parturition -	...	...	...	...	...	...	...	...	...	...	
Congenital Debility and Mal- formation, including Pre- mature Birth -	11	10	1	...	...	...	...	...	...	...	
Violent Deaths, excluding Suicide -	5	...	...	...	1	1	1	1	1	5	
Suicide -	...	...	...	...	...	...	...	...	...	...	
Other Defined Diseases -	42	2	3	2	...	1	3	10	21	6	
Diseases ill-defined or unknown	27	1	...	...	...	...	2	1	23	12	
All causes -	197	21	11	9	6	6	16	51	77	40	

VITAL STATISTICS—*continued*. TABLE IV.*Deaths from stated Causes in Weeks and Months under One Year of age*

CAUSES OF DEATH.			Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes	{ Certified	-	6	-	1	2	9	3	1	4	4	21
	{ Uncertified	-	-	-	-	-	-	-	-	-	-	-
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-
Chicken-pox	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria : Croup	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculous Meningitis	-	-	-	-	-	-	-	-	-	-	-	-
Abdominal Tubercul-	-	-	-	-	-	-	-	-	-	-	-	-
[osis	-	-	-	-	-	-	-	-	-	-	-	-
Other Tuberculous	-	-	-	-	-	-	-	-	-	-	-	-
Diseases	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis ( <i>not Tuberculous</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Convulsions	-	-	-	-	-	-	-	-	1	-	-	1
Laryngitis	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis	-	-	-	-	-	-	-	-	-	1	-	1
Pneumonia, all forms	-	-	-	-	-	-	-	-	-	1	3	4
{ Diarrhoea	-	-	-	-	-	1	1	-	-	1	-	2
{ Enteritis	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis	-	-	-	-	-	-	-	-	-	-	1	1
Syphilis	-	-	-	-	-	-	-	-	-	-	-	-
Rickets	-	-	-	-	-	-	-	-	-	-	-	-
Suffocation, Overlying	-	-	-	-	-	-	-	-	-	-	-	-
Injury at birth	-	-	-	-	-	-	-	-	-	-	-	-
Atelectasis	-	-	1	-	-	-	1	-	-	-	-	1
{ Congenital Malformations	-	-	-	-	-	-	-	1	-	-	-	1
{ Premature Birth	-	-	3	-	-	-	3	1	-	-	-	4
{ Atrophy, Debility,	-	-	-	-	-	-	-	-	-	-	-	-
Marasmus	-	-	1	-	-	1	2	1	-	1	-	4
Other Causes	-	-	1	-	1	-	2	-	-	-	-	2
Totals	...		6	-	1	2	9	3	1	4	4	21

District of East Retford Borough. Births in the year : legitimate 266, illegitimate 13.

Deaths in the year of legitimate infants, 21 ; illegitimate, 0.



TABLE Y.

Year.	Diphtheria and Membranous Croup.		Scarlet Fever.		Enteric Fever		Phthisis*		Total Cases.	Total Deaths.	Total Deaths, all causes.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.			
1906	3	1	11	...	9	1	...	9	23	11	198
1907	1	...	15	1	1	1	...	15	17	17	152
1908	3	1	9	...	3	1	...	12	15	14	167
1909	9	2	15	...	4	...	...	5	28	7	182
1910	1	...	10	...	1	1	...	4	12	5	168
1911	9	...	19	1	5	...	...	17	33	18	213
1912	31	1	22	1	63	2	23	16	139	20	181
1913	56	3	34	...	1	...	13	3	103	6	171
1914	14	2	38	...	...	...	18	15	70	17	178
1915	6	...	32	...	...	...	22	8	60	8	197
Average for 10 years	13·3	...	20·5	...	8·7	...	...	...	...	12·3	180·7

\* Phthisis was generally notifiable after 1911.

**Annual Report of the Borough Surveyor,  
Inspector of Nuisances, and Housing Officer.**

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To Dr. HANWAY RICHARD BEALE, M.D., D.P.H.  
Medical Officer of Health.

Sir,

I beg to submit my Annual Report for the  
year 1915.

**Number and Nature of Inspections.**

- 1212 Inspections and re-inspections, principally in connection with drainage and conversion of privies into water closets, entailing a considerable amount of work in testing old drains and searching for defects, including also inspection of military billets, factories, workshops, slaughter-houses, dairies, cowsheds, and milk-shops, houses as to condition and alleged overcrowding, schools, house refuse, manure accumulations, keeping of swine and other animals, dangerous structures, river pollution, and trade wastes, and investigations after notifications of infectious disease.
- 126 Water tests and visits during the construction of house drains and water closets.
- 75 Smoke tests of last and shaft joints upon completion of house drains and water closets.
- 56 New buildings during progress.

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**1469** Total.

Number of notices served :—

Statutory	...	...	36
Informal	...	...	86
			<hr/>
			122
			<hr/>

Notices complied with 109, leaving 13 not complied with.

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#### DRAINAGE AND CONVERSION PROGRESS, 1915.

Houses connected to new sewers, also Ordsall			
Brewery and a new Picture Palace ...	...		53
Sewage drains laid, approved and tested		yards	1538
No. of sewage gulleys	...	...	108
„ intercepting traps	...	...	26
„ ventilating shafts	...	...	30
„ inspection chambers	...	...	90
„ W.C.'s connected	...	...	90
„ privies abolished	...	...	22
„ pail closets abolished...	...	...	37
			<hr/>
Total houses within drainage area, Dec. 31, 1915,			3098
Total houses connected to December 31st, 1915			2993
			<hr/>
Houses yet to be connected	...	...	105
			<hr/>



Year	Houses connected		Privies and pail closets abolished	
1902	...	367	...	149
1903	...	229	...	76
1904	...	215	...	147
1905	...	313	...	116
1906	...	252	...	174
1907	...	332	...	224
1908	...	251	...	179
1909	..	203	...	177
1910	...	202	...	147
1911	...	115	...	78
1912	...	218	...	204
1913	...	198	...	215
1914	...	45	...	44
1915	...	53	...	59
		<u>2993</u>		<u>1989</u>

### G.N. STATION DRAINAGE.

Under the G.N. Railway Act, 1914, the construction of a separate system of drainage at Retford Station was commenced on the 28th December, and the sewage is gradually being turned from the Carr Dyke into the new sewers.

### MILITARY IN RETFORD.

The quartering of troops in Retford has added a lot of work to the Health Department, especially in carrying out Sanitary Services, and all concerned are doing their best.

**Housing Acts.** Seventeen houses have been inspected.

The general character of the defects found to exist were insufficient lighting and ventilation ; floors, walls, and ceilings out of repair ; stairs out of repair and

without handrails and guards ; leaky roofs ; spouting deficient or out of repair ; dampness ; yards insufficiently or badly paved ; insufficient drainage and sanitary accommodation.

Nature of work carried out in respect of thirty-six houses :—

Privies destroyed ; premises newly drained ; water closets and refuse receptacles provided ; obstructive buildings demolished ; food stores lighted and ventilated ; staircases repaired and provided with handrails ; yards re-paved ; walls, floors, and ceilings put into proper repair, etc.

In addition to the foregoing, special examinations in detail of 49 houses as to defective drainage and sanitary accommodation have been made, and works of providing new drains and water closets executed.

**Overcrowding.** Six houses have been inspected for alleged overcrowding, and all were found to be so.

Abatement was effected in all the cases by arrangement.

**Infectious Disease Prevention.** Thirty-seven houses and 1345 articles have been disinfected.

**Schools.** The drains of the whole of the Public Elementary Schools have been periodically inspected and flushed, and the interiors of the schools and conveniences disinfected and purified.

**Building Progress.** Fourteen plans approved for 5 houses, 1 picture palace, 12 additions and alterations.

Certificates have been issued for 10 new houses fit for human habitation.

I am, Sir,

Your obedient servant,

J. D. KENNEDY.

## Rainfall Tables.

Taken at the Sewage Disposal Works, Bolham.

Height of gauge above approximate mean water at  
Liverpool, 74 ft.

Height of gauge above ground, 1 ft.

Month.	1915		1914	
	Inches.	No. of days rain fell.	Inches.	No. of days rain fell.
January ...	2·67	22	1·27	15
February ..	2·87	22	1·13	14
March ...	1·10	20	1·91	21
April ...	1·06	13	·84	9
May ...	1·35	12	2·50	13
June ...	·70	5	2·09	10
July ...	5·27	18	2·27	16
August ...	3·90	15	1·92	15
September .	·90	7	1·46	10
October ..	1·43	18	2·43	14
November ...	2·57	15	2·78	21
December ...	5·81	27	4·85	27
Total...	29·63	194	25·45	185

Heaviest rainfall during one day in 1915,  
1·49 on July 4th.

Snow fell on one day in January, three days in February,  
four days in March, one day in November, and  
two days in December.

Average rainfall for Retford for the last 5 years,  
26·93 inches on 189 days.

J. D. KENNEDY,  
Borough Surveyor.



## NOTTS. COUNTY COUNCIL.

Food and Drugs Department, Shire Hall, Nottingham.  
(Sale of Food and Drugs Act, 1875—1899).

Report of the Public Analyst, appointed for the County of Nottingham,  
upon articles analysed by him under the above Acts, and of those  
examined by the Inspectors, taken in the Borough of East  
Retford during the year ending 31st Dec., 1915.

Articles purchased by the Inspectors for Examination and Analysis.			Examined by Inspectors.	Result		Result of Analysis.		Observations of Public Analyst	Result of Pro- ceedings taken in respect of Adulterated Samples.
				Correct	Incorrect	Genuine	Adulterated		
Butter	...	3				3			Whisky adulterated with 9 parts of added water in excess of standard allowance. Case heard at Retford, January 17th, 1916; ordered to pay costs, 5/-.
Beer	...	6				6			
Flour	...	1				1			
Gin	...	4				4			
Lard	...	1				1			
Margarine	...	2				2			
Malt Vinegar	...	1				1			
Milk	...	6	6	6					
Pepper	...	2				2			
Whisky	...	21				20	1		
Totals	...	47	6	6		40	1		
Informal Milks	...	178							
Total of all Samples	225								

Number of Informal Samples of Milk tested by the  
Inspectors by "Gerber" Tester :

			RESULT.	
			Correct.	Incorrect.
Number of Samples taken by Inspectors	...	75	75	0
„ „ submitted by Milk Retailers	...	1	0	1
„ „ „ „ Producers	...	102	99	3
Totals	...	178	174	4

“ A ”

## APPENDIX.

**Report of Inspector of Meat.**

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To the MAYOR, ALDERMEN, and COUNCILLORS  
of the Borough of East Retford.

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County Police Station,  
Retford,

Nov. 3rd, 1915.

Gentlemen,

I beg to report for your information that during the past year I have inspected the Butchers' and Fishmongers' shops, and also the Shambles and the Fishmarket in the Borough every week, and found the meat and fish of excellent quality. I have also visited the Slaughterhouses regularly, and found them clean and in good order, and nothing to complain of in the way the animals have been slaughtered.

During the past year I have also inspected at the Cattle Market Slaughterhouses the carcasses of 13 sheep and 2 calves, all of which I passed as fit for food with the exception of one sheep and one calf, which I refused to pass, and they were taken away and destroyed.

I am, Gentlemen,

Your obedient servant,

J. VALPY THOMAS,

Supt.

“ **B** ”

## Report of Canal Boats Inspector.

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To the CHAIRMAN and MEMBERS of the  
SANITARY COMMITTEE.

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Town Hall,  
Retford,  
Oct., 1915.

Gentlemen,

I have inspected nearly all the boats on the register during the year. To some I have seen several times. There has been no boats taken off the canal this year, or any new licenses issued. I have found all the boats very clean and in good condition. His Majesty's Chief Inspector has not visited me this year.

### LODGING HOUSE.

I have made the usual inspections in the Spring and Autumn, and the lime washing and cleaning was done in April, and they are now completing the October cleaning. My last visit was October 27th. In my bed-time visits the beds are not all occupied, sometimes very few in. I have no complaint to make about the house, as Mrs. Cobb keeps it very clean.

I remain,

Your obedient servant,

RICHARD GIBSON.



